SUSTAINABLE STRATEGIES FOR GLOBAL LEADERS

April 30, 2010 DELTA Project No. SCA8901A1D SAP No. 136125

Mr. Arman Toumari California Regional Water Quality Control Board Los Angeles Region 320West 4th Street, Suite 200 Los Angeles, CA 90013

Re: Well Abandonment Report Former Shell Service Station 8901 South Atlantic Boulevard South Gate, CA ID # R-26326A



Dear Mr. Toumari:

Delta Consultants (DELTA), on behalf of Equilon Enterprises LLC dba Shell Oil Products US (SHELL), has prepared this *Well Abandonment Report* for submittal to the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) for the above-referenced site. In a letter dated March 16, 2010, the LARWQCB, (Attachment A) granted approval to destroy monitoring wells MW-1 through MW-4. The purpose of this report is to document monitoring well abandonment activities. On April 7, 2010, DELTA submitted the Well Destruction Permit application to the Los Angeles County Department of Public Health (LACDPH) for approval. A copy of the approved well destruction permit is included as Attachment B.



WELL ABANDONMENT ACTIVITIES

FIELD WORK

The abandoned monitoring well locations are shown on Figure 2; boring logs for each well are included in Attachment C. Well names, depths and abandonment method are described in the following table.

Well Name	Date Abandoned	Well Depth	Abandonment Method
			Pressure grout (with cement bentonite grout)/removed top
MW-1	4/28/2010	55	
			Pressure grout (with cement bentonite grout)/removed top
MW-2	4/28/2010	55	5 ft. casing/backfilled w/cement
			Pressure grout (with cement bentonite grout)/removed top
MW-3	4/29/2010	55	5 ft. casing/backfilled w/cement
			Pressure grout (with cement bentonite grout)/removed top
MW-4	4/28/2010	55	5 ft. casing/backfilled w/cement

WASTE DISPOSAL

Three drums of concrete and well box debris were generated during well abandonment activities and stored on-site in Department of Transportation (DOT)-approved 55-gallon drums. The drums were sealed and labeled in accordance with SHELL and DELTA protocols. The waste is temporarily stored on the subject property pending subsequent transportation to an appropriate disposal facility. The waste inventory record is presented in Attachment D.

CLOSING REMARKS

This report represents DELTA's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This document is based upon a specific scope of work requested by the client. The Contract between DELTA and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this document were performed. This report is intended only for the use of DELTA's Client and anyone else specifically listed on this report. DELTA will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, DELTA makes no express or implied warranty as to the contents of this report.

Should you have any questions or comments concerning this report, please contact Mr. Alex Chakmak (DELTA) at (626) 873-2748. The SHELL Project Manager is Mr. Joe Lentini, who may be reached at (310) 376-0649.

Mr. Arman Toumari California Regional Water Quality Control Board, Los Angeles Region April 30, 2010 Page 3

Should you have any questions or comments concerning this report, please contact Mr. Alex Chakmak (DELTA) at (626) 873-2748. The SHELL Project Manager is Mr. Joe Lentini, who may be reached at (310) 376-0649.

Sincerely,

Delta Consultants

Alex Chakmak, P.G. 8719

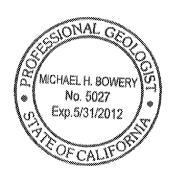
Project Manager

Michael H. Bowery, P.G. 5027

Senior Project Manager

ce:

Mr. Joe Lentini - Shell Oil Products US Mr. Amine Klaeb - Property Owner



ATTACHMENTS:

FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Map

ATTACHMENTS

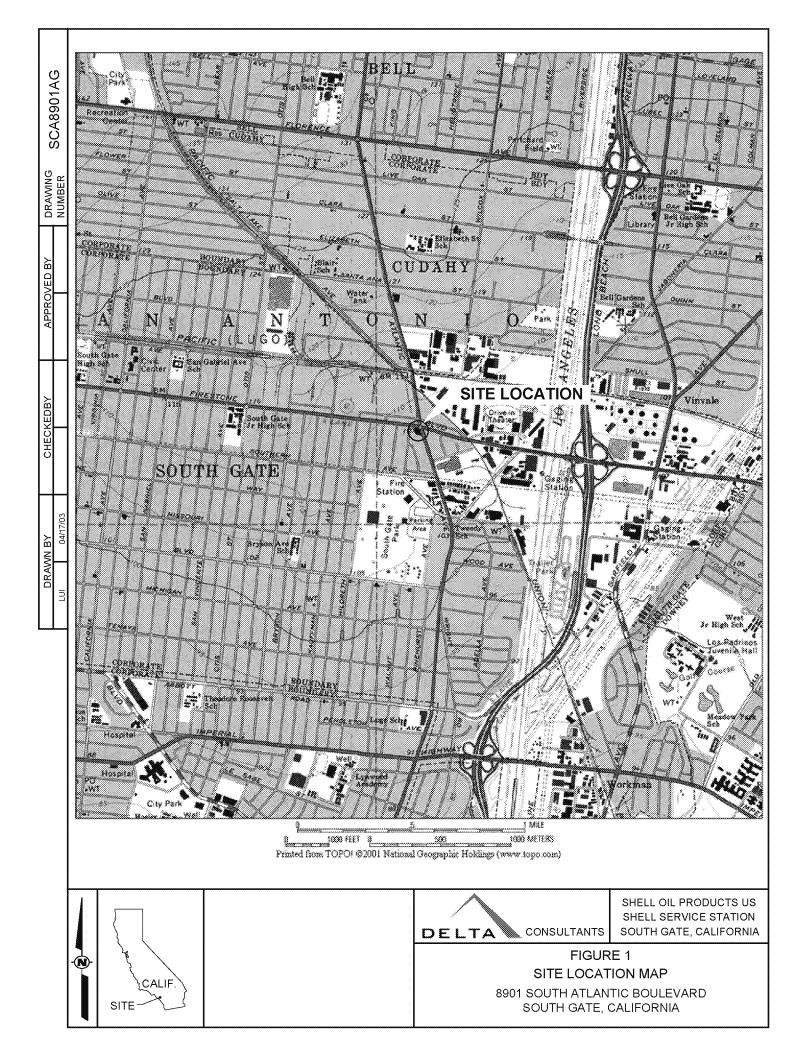
Attachment A – LARWQCB letter dated March 16, 2010

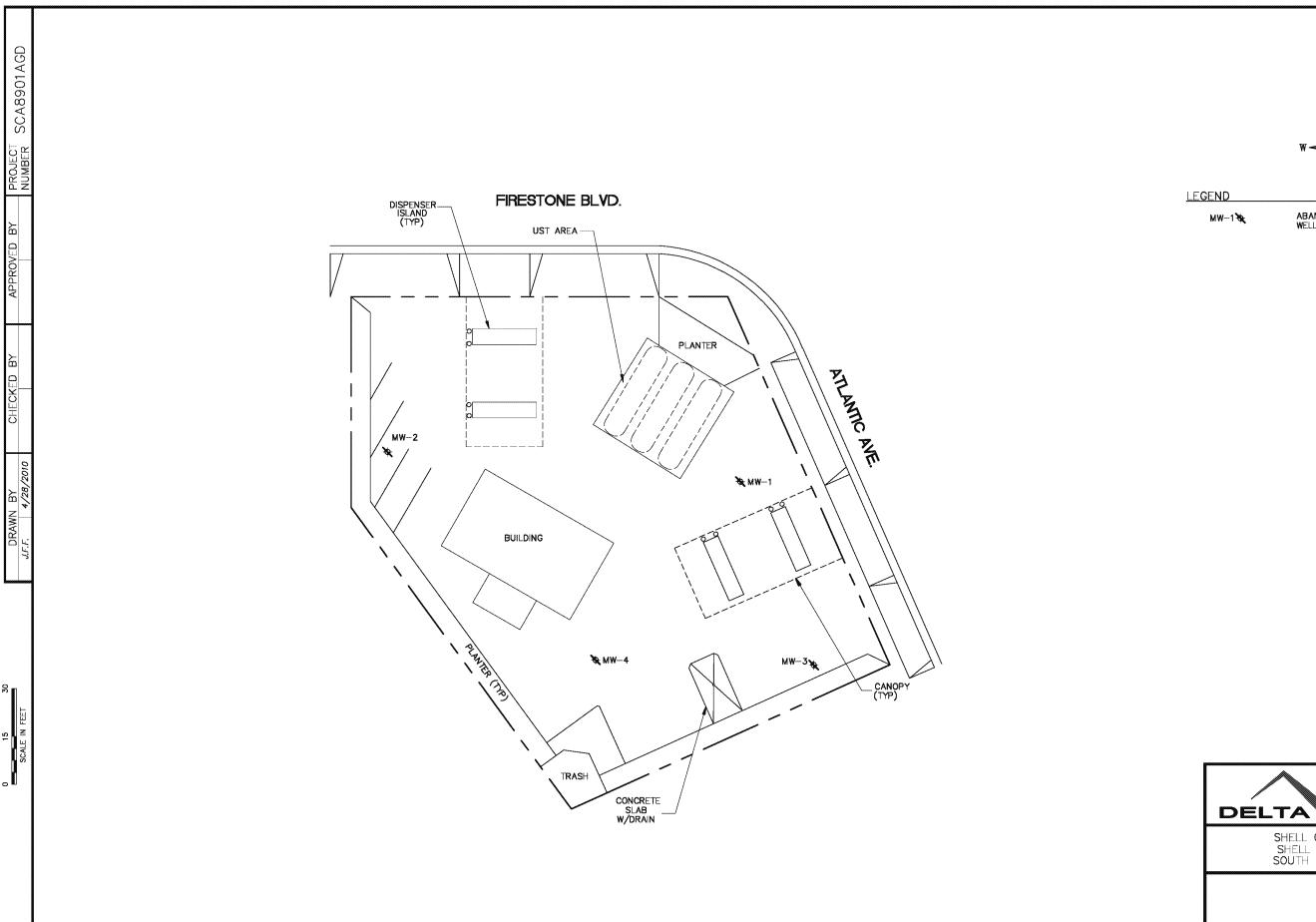
Attachment B – Well Destruction Permit

Attachment C – Boring Logs

 $Attachment \ D-Waste\ Inventory\ Record$

FIGURES







ABANDONED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION



SHELL OIL PRODUCTS US SHELL SERVICE STATION SOUTH GATE, CALIFORNIA

FIGURE 2

SITE MAP

8901 SOUTH ATLANTIC AVENUE SOUTH GATE, CALIFORNIA

ATTACHMENT A

LARWQCB LETTER DATED FEBRUARY 23, 2010



California Regional Water Quality Control Board

Los Angeles Region

Arnold Schwarzenegger

Governor

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 - FAX (213) 576-6640 - Internet Address: http://www.waterboards.ca.gov/losangeles

March 16, 2010

Mr. Joseph Lentini Shell Oil Products Company US 20945 South Wilmington Avenue Carson, CA 90810

UNDERGROUND STORAGE TANK PROGRAM – CASE CLOSURE SHELL SERVICE STATION #136125
8901 SOUTH ATLANTIC AVENUE, SOUTH GATE, CA (ID NO. R-26326A) (PRIORITY A-2)

Dear Mr. Lentini:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground tank(s) site is in compliance with the requirements of subdivision (a) and (b) of section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of section 25296.10 of the Health and Safety Code.

Because the subject site is currently an active gasoline service station, we recommend that you properly maintain all or some existing monitoring wells onsite, so that they would be available should further monitoring be deemed necessary. However, if you choose to abandon these wells, you must comply with the following:

- 1. All wells must be properly located and abandoned.
- Well abandonment permits must be obtained from the Los Angeles County Department of Public Health, Environmental Health Division, and all other necessary permits must be obtained from the appropriate agencies prior to the start of work.
- 3. You must submit a report on the abandonment of the wells to this office by May 17, 2010. This report must include, at a minimum, a site map, a description of the well abandonment process, and copies of all signed permits.

California Environmental Protection Agency

March 16, 2010

Please contact Dr. Yi Lu at (213) 576-6695 or Mr. Arman Toumari at (213) 576-6708, if you have any questions regarding this matter.

Sincerely,

Tracy J. Egoscue Executive Officer

cc: Yvonne Shanks, SWRCB, Underground Storage Tank Cleanup Fund Lilly Lee, State Water Resources Control Board, UST Cleanup Fund Nancy Matsumoto, Water Replenishment District of Southern California Matthew Gatewood, City of Los Angeles Fire Department Maroun and Nada Boutros, Amine Klaeb, Gouri Kohli, Property Owners Alex Chakmak, Delta

ATTACHMENT B

WELL DESTRUCTION PERMIT

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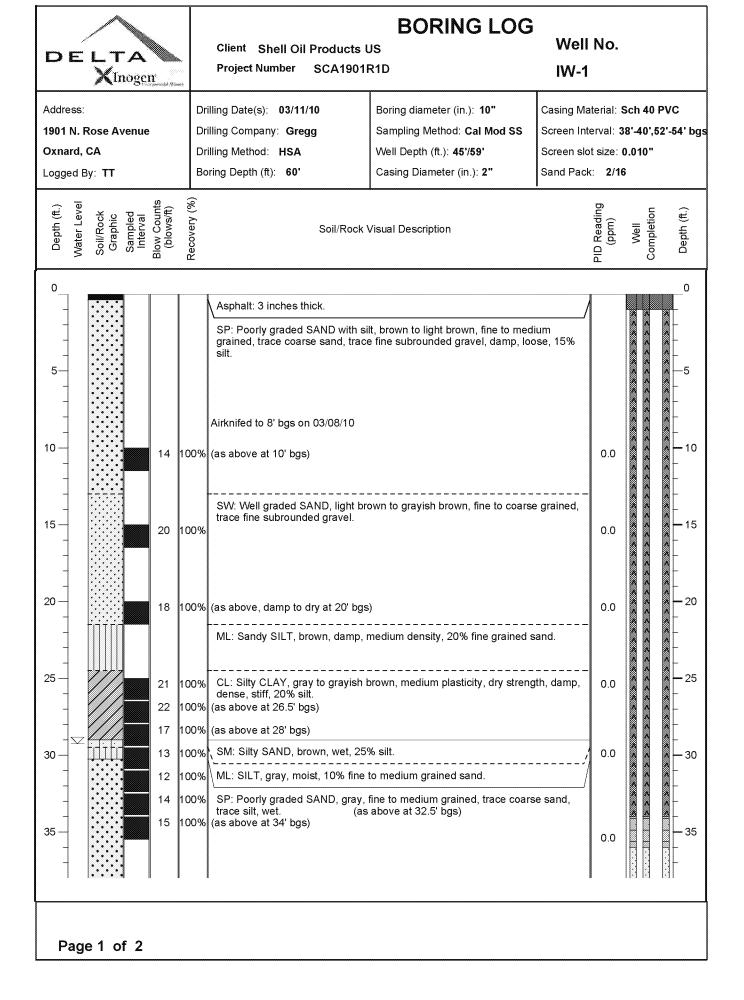
This well permit approval is limited to compliance with the California Well Standards and the Los Angeles County Code and does not grant any rights to construct, reconstruct, or decommission any well. The applicant is responsible for securing all other necessary permits.

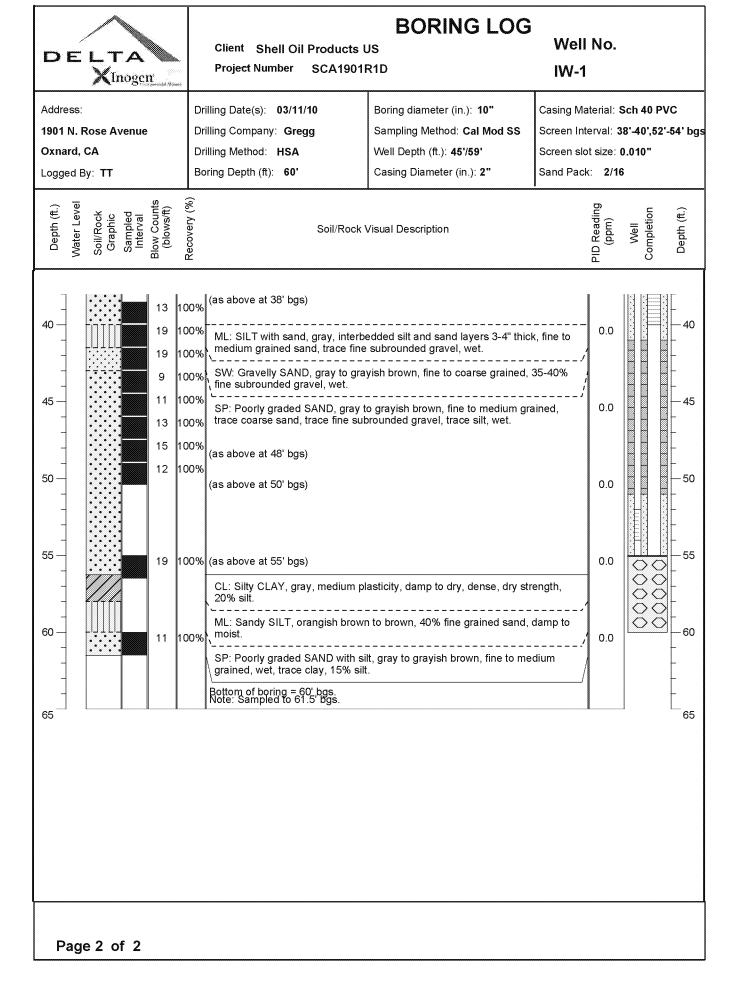
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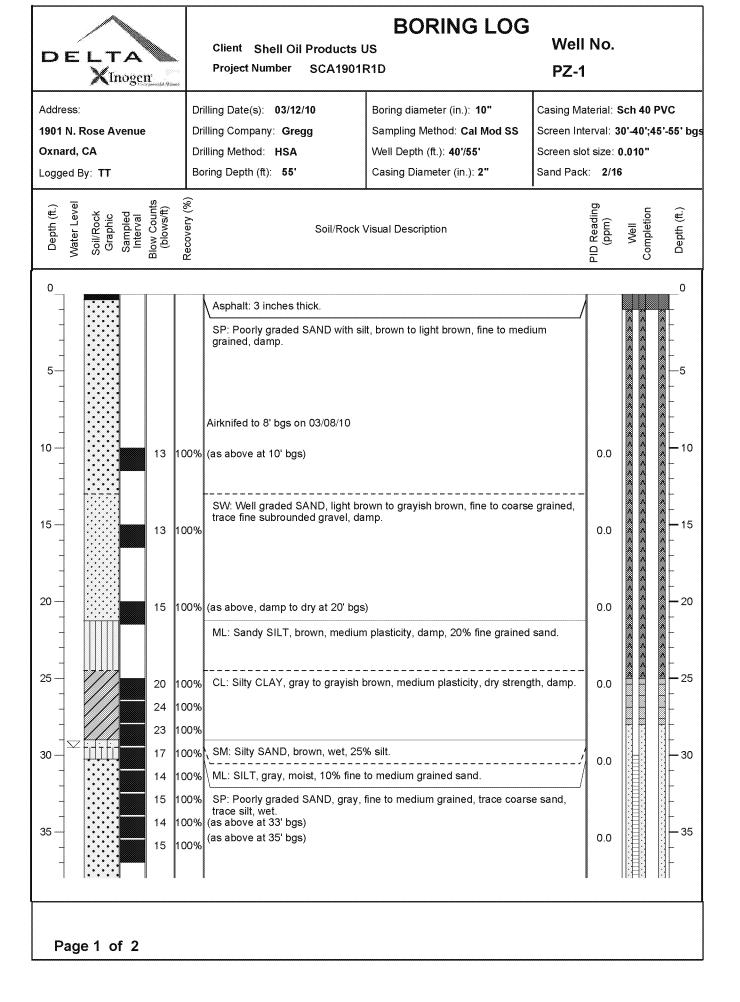
WELL PERMIT APPLICATION - NON PRODUCTION WELLS

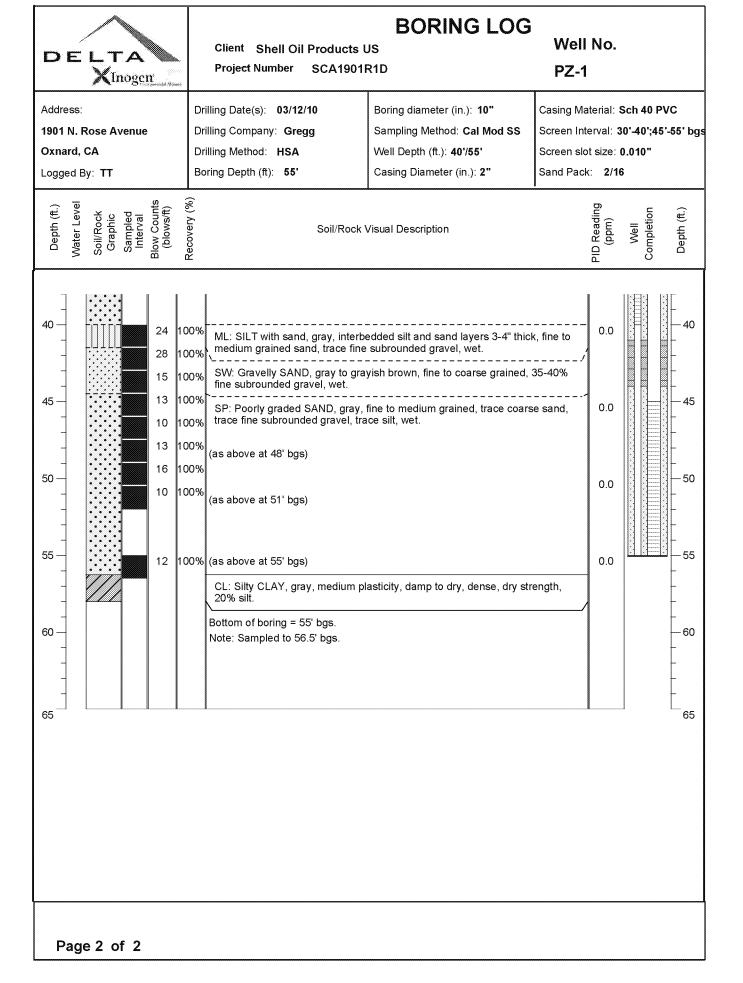
ATTACHMENT C

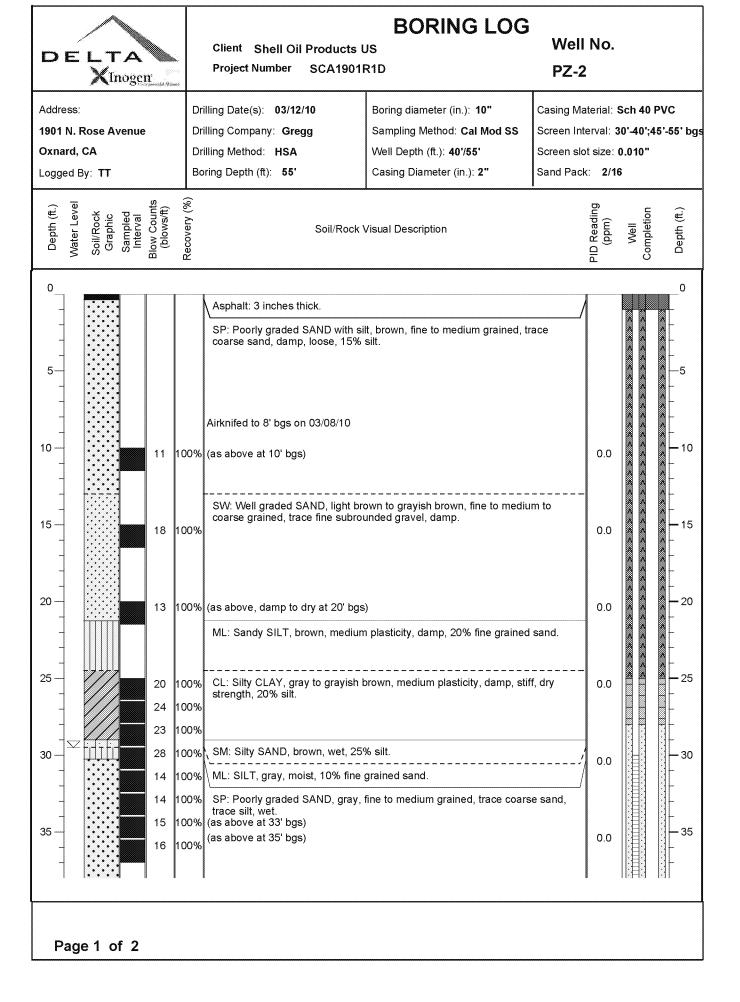
BORING LOGS

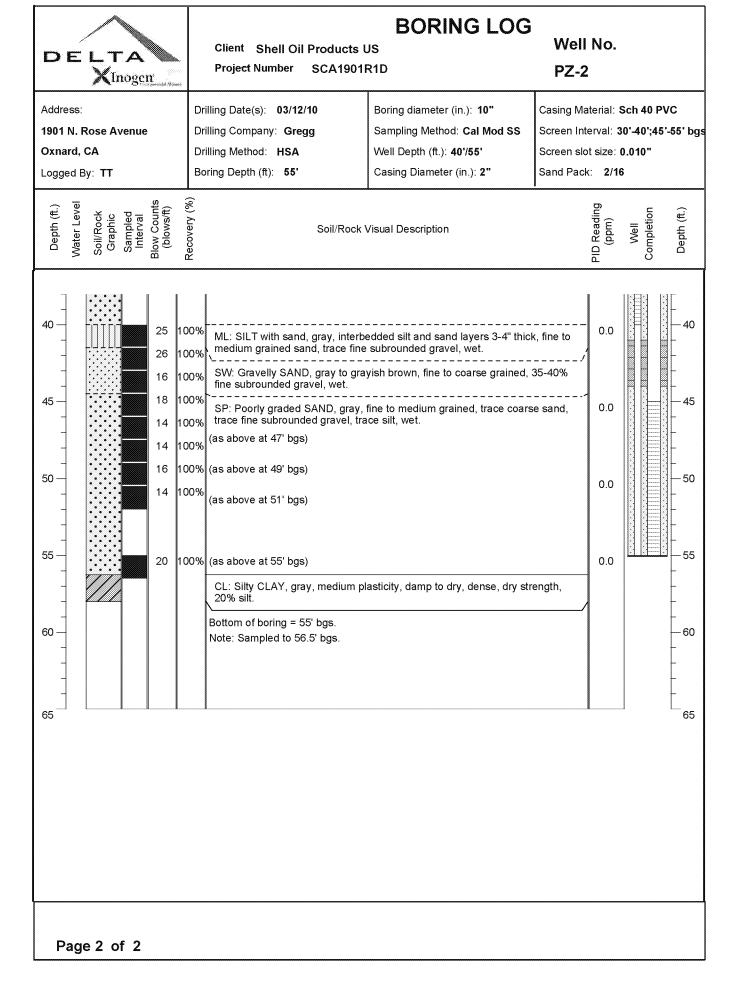


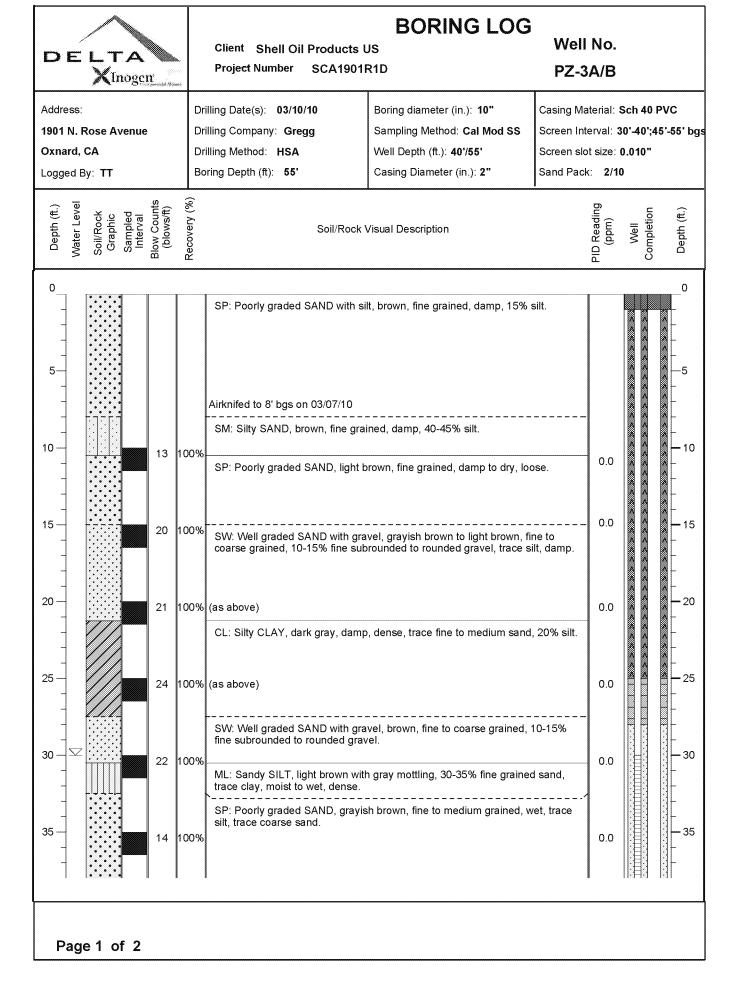


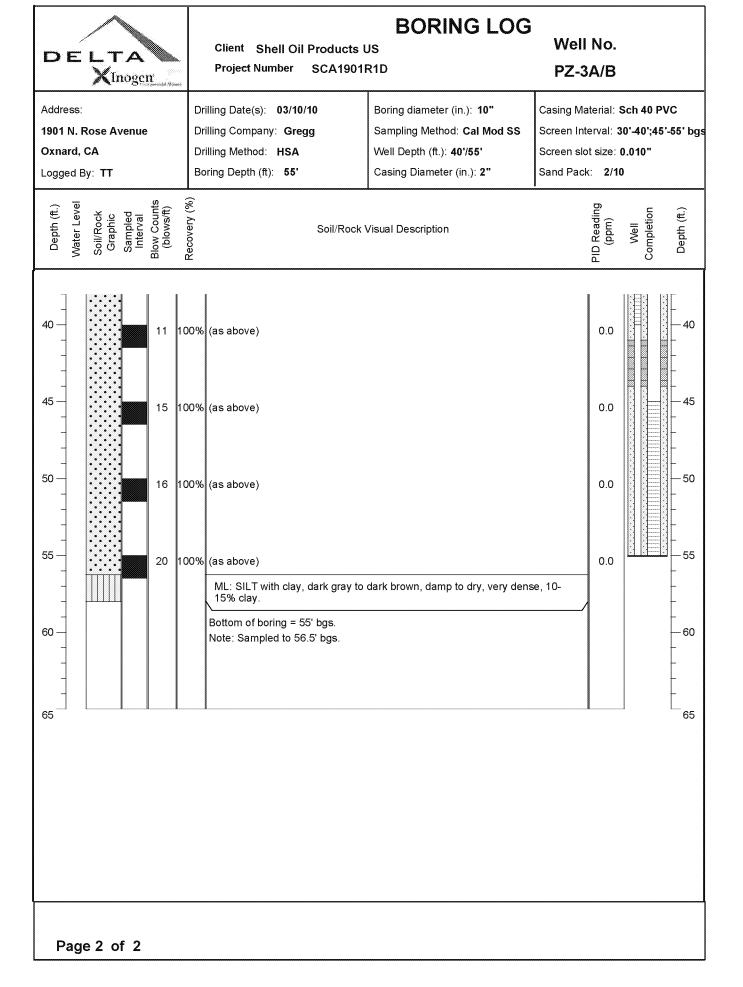


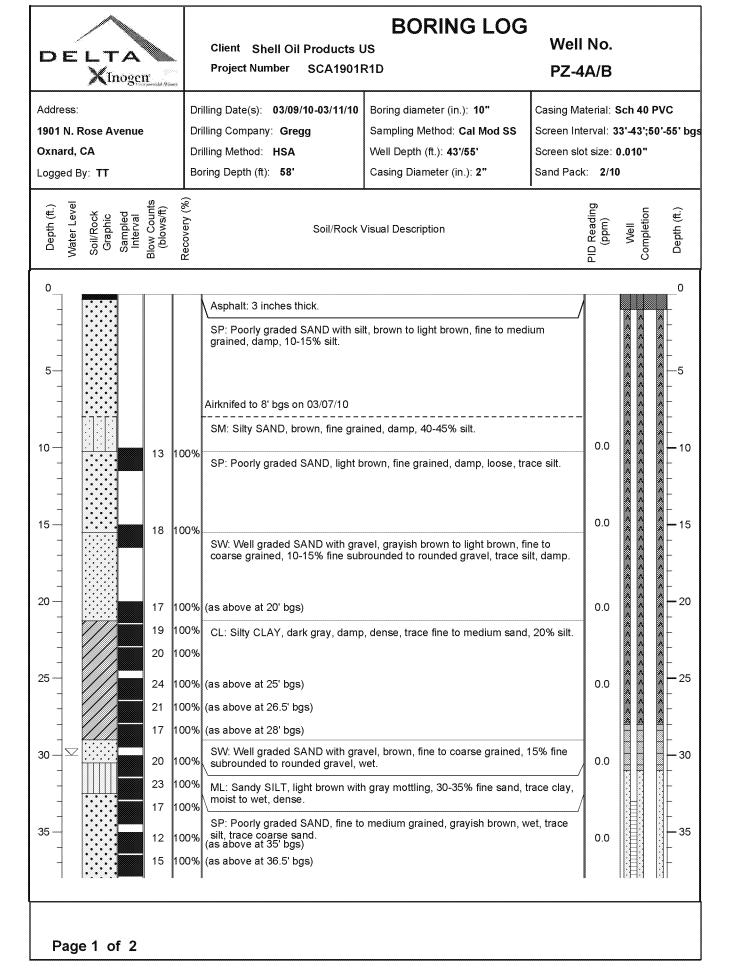


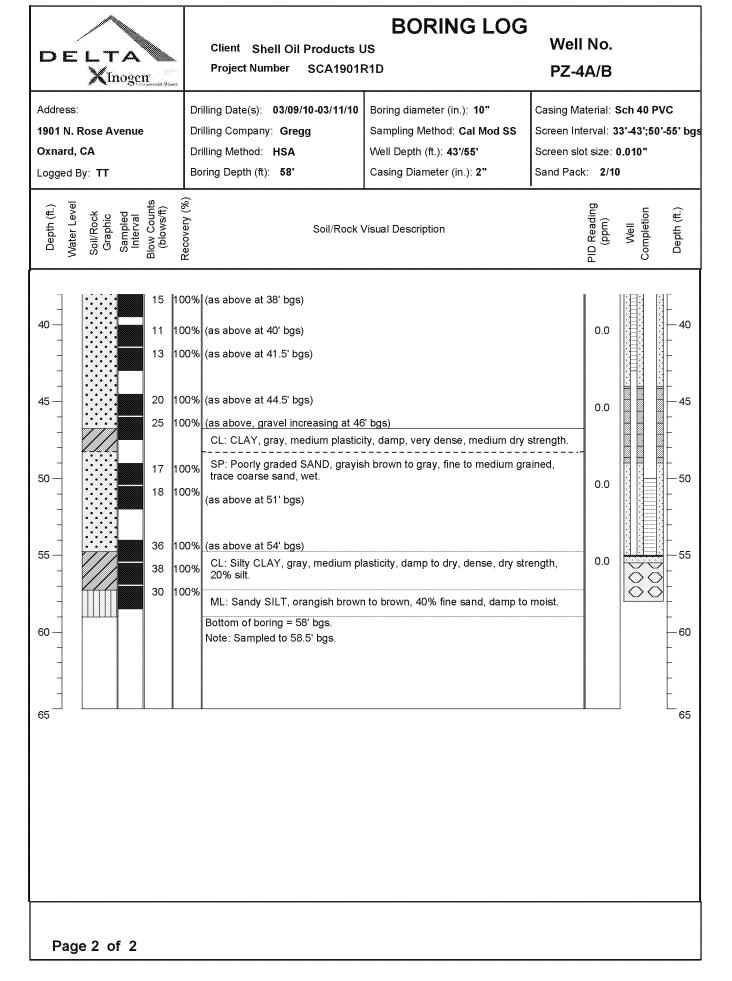












ATTACHMENT D

WASTE INVENTORY RECORD

WASTE INVENTORY RECORD

8901 Atlantic Bluel South Gate
Location/SS#

Date Generated

Shell

Joson Smith Field Technician

Well or Boring ID	Depth (Interval) Feet	Type of Waste	Waste Volume	Date Generated	Drum & ID or Stock Pile and Designation	pH ₩ Wateronly	Comments (wet,odor,chemical constituents, etc.)
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